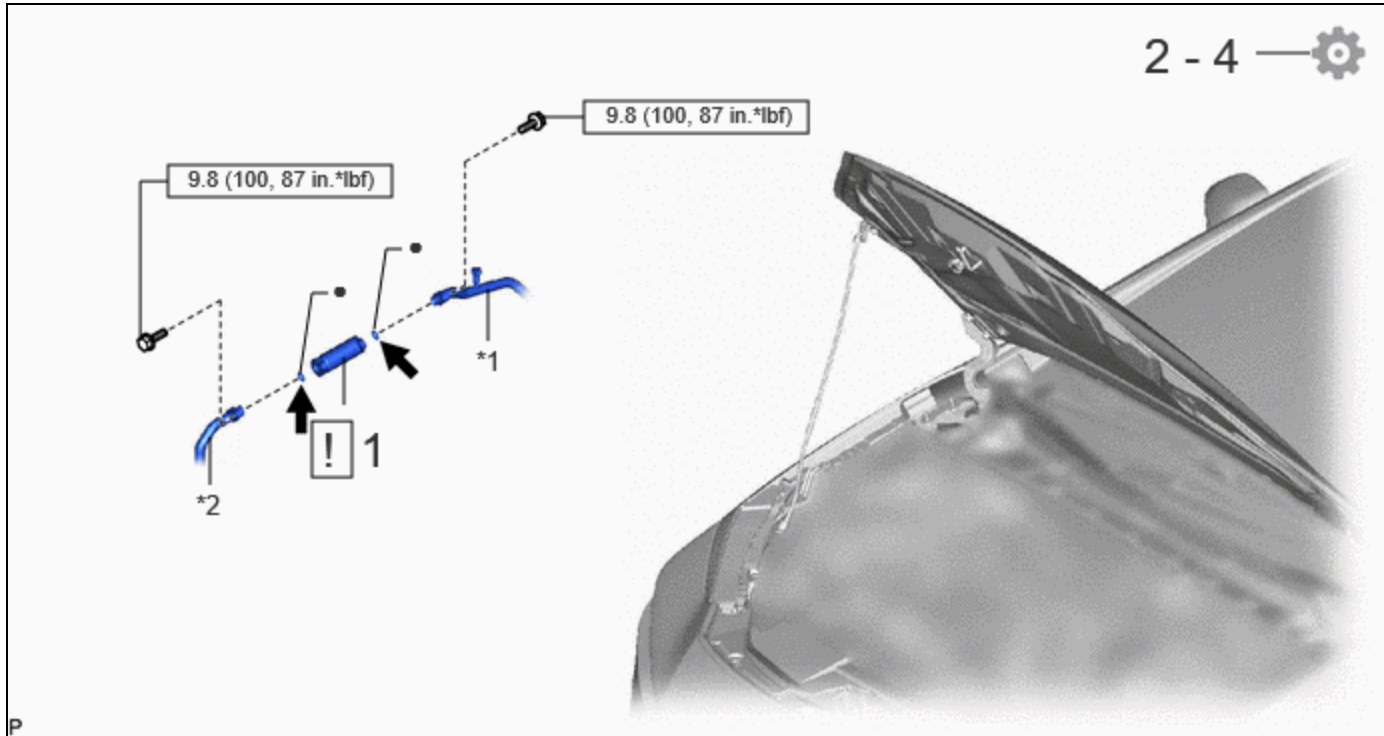


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002AXEV
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HEATING / AIR CONDITIONING: EVAPORATOR PRESSURE REGULATOR: INSTALLATION; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

INSTALLATION



CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



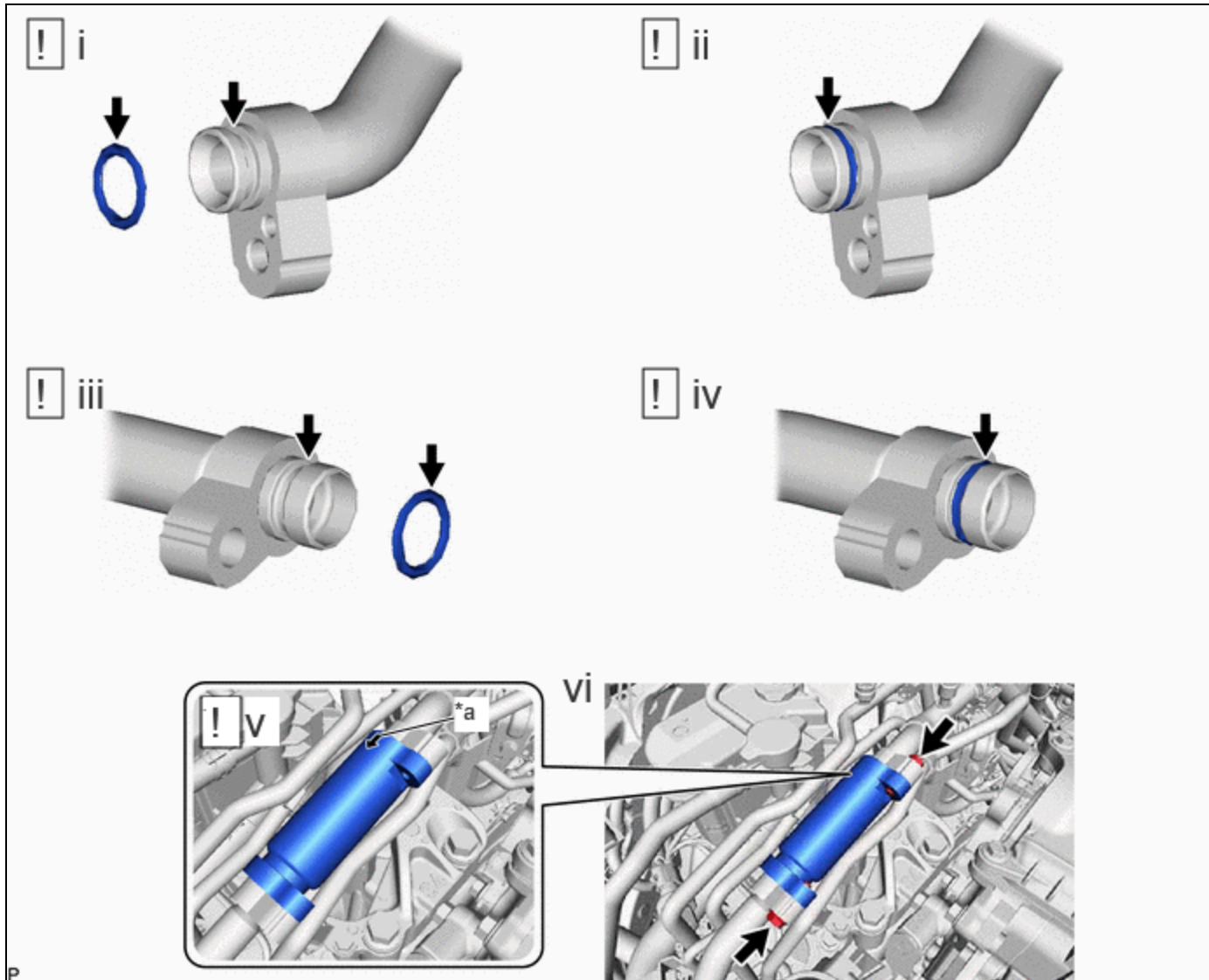
	PROCEDURE	PART NAME CODE			
1	PRESSURE REGULATOR SUB-ASSEMBLY	88503B	INFO	-	-
2	CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT	-	-	-	INFO
3	WARM UP COMPRESSOR	-	-	-	INFO
4	INSPECT FOR REFRIGERANT LEAK	-	-	-	INFO

*1	NO. 1 SUCTION TUBE	*2	AIR CONDITIONING TUBE ASSEMBLY
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	N*m (kgf*cm, ft.*lbf): Specified torque	<ul style="list-style-type: none"> • Non-reusable part 	
	Compressor oil ND-OIL 11 or equivalent	-	-

PROCEDURE

1. INSTALL PRESSURE REGULATOR SUB-ASSEMBLY



*a	Reference Point	-	-
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(1) Remove the vinyl tape from the air conditioning tube assembly and pressure regulator sub-assembly, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the air conditioning tube assembly.

Compressor Oil:
 ND-OIL 11 or equivalent

(2) Install the O-ring to the air conditioning tube assembly.

NOTICE:

Keep the O-ring and O-ring fitting surface free from foreign matter.

- (3) Remove the vinyl tape from the No. 1 suction tube and pressure regulator sub-assembly, and sufficiently apply compressor oil to a new O-ring and the fitting surface of the No. 1 suction tube.

Compressor Oil:

ND-OIL 11 or equivalent

- (4) Install the O-ring to the No. 1 suction tube.

NOTICE:

Keep the O-ring and O-ring fitting surface free from foreign matter.

- (5) Connect the No. 1 suction tube and air conditioning tube assembly and pressure regulator sub-assembly as shown in the illustration.

NOTICE:

Install the pressure regulator sub-assembly with the arrow facing front.

- (6) Install the pressure regulator sub-assembly with the 2 bolts as shown in the illustration.

Torque:

9.8 N·m {100 kgf·cm, 87 in·lbf}

2. CHARGE AIR CONDITIONING SYSTEM WITH REFRIGERANT

- (a) for HFC-134a (R134a):

Click here [INFO](#)

- (b) for HFO-1234yf (R1234yf):

Click here [INFO](#)

3. WARM UP COMPRESSOR

- (a) for HFC-134a (R134a):

Click here [INFO](#)

- (b) for HFO-1234yf (R1234yf):

Click here [INFO](#)

4. INSPECT FOR REFRIGERANT LEAK

- (a) for HFC-134a (R134a):

Click here [INFO](#)

- (b) for HFO-1234yf (R1234yf):

Click here [INFO](#)

